

Please type a plus sign inside the box



PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Applicati n Number	09/039,438	
	Filing Date	March 16, 1998	
	First Named Inventor	Woo S. Shin	
	Group Art Unit	1763	
	Examiner Name	R. Zervigon	
Total Number of Pages in This Submission		Attorney Docket Number	8733.120.01-US

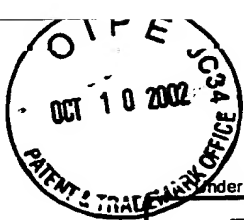
ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below) Form PTO/SB/08A References Cited
Remarks		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	MCKENNA LONG & ALDRIDGE LLP Teresa M. Arroyo, Reg. No 50, 015	
Signature	<i>Teresa M. Arroyo</i>	
Date	October 10, 2002	



30827

RECEIVED
OCT 16 2002
TC 1700

DC:110429.1



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00

Complete if Known

Application Number 09/039,438
Filing Date March 16, 1998
First Named Inventor Woo S. Shin
Examiner Name R. Zervigon
Group Art Unit 1763
Attorney Docket No. 8733.120.01-US

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number

50-0911

Deposit Account Name

McKenna Long & Aldridge LLP

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	740	Utility filing fee	
		106	330	Design filing fee	
		107	510	Plant filing fee	
		108	740	Reissue filing fee	
		114	160	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20** =	x	=
Independent Claims	-3** =	x	=
Multiple Dependent			=

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		103	18	Claims in excess of 20
		102	84	Independent claims in excess of 3
		104	280	Multiple dependent claim, if not paid
		109	84	** Reissue independent claims over original patent
		110	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	Surcharge - late filing fee or oath	
		127	50	Surcharge - late provisional filing fee or cover sheet	
		139	130	Non-English specification	
		147	2,520	For filing a request for ex parte reexamination	
		112	920*	Requesting publication of SIR prior to Examiner action	
		113	1,840*	Requesting publication of SIR after Examiner action	
		115	110	Extension for reply within first month	
		116	400	Extension for reply within second month	
		117	920	Extension for reply within third month	
		118	1,440	Extension for reply within fourth month	
		128	1,960	Extension for reply within fifth month	
		119	320	Notice of Appeal	
		120	320	Filing a brief in support of an appeal	
		121	280	Request for oral hearing	
		138	1,510	Petition to institute a public use proceeding	
		140	110	Petition to revive - unavoidable	
		141	1,280	Petition to revive - unintentional	
		142	1,280	Utility issue fee (or reissue)	
		143	460	Design issue fee	
		144	620	Plant issue fee	
		122	130	Petitions to the Commissioner	
		123	50	Processing fee under 37 CFR 1.17(q)	
		126	180	Submission of Information Disclosure Stmt	180.00
		581	40	Recording each patent assignment per property (times number of properties)	
		146	740	Filing a submission after final rejection (37 CFR 1.129(a))	
		149	740	For each additional invention to be examined (37CFR 1.129(b))	
		179	740	Request for Continued Examination (RCE)	
		169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

Name (Print/Type) Teresa M. Arroyo

Registration No. (Attorney/Agent)

50,015

Complete (if applicable)

Telephone (202) 496-7371

Signature

Teresa M. Arroyo

Date

October 10, 2002



30827

RECEIVED
OCT 16 2002
TC 1700

DC:110517.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: Woo Sup SHIN, et al.

GROUP ART UNIT: 1763

SERIAL NUMBER: 09/039,438

EXAMINER: R. Zervigon

FILED: March 16, 1998

FOR: ETCHING APPARATUS



INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant(s) wish to disclose the following information.

#34
10/18/02
MW

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached.
- ☒ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☒ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

10/11/2002 SDENB0B1 00000019 09039438

01 FC:126

180.00 0P

Respectfully submitted,

MCKENNA LONG & ALDRIDGE LLP

Teresa M. Arroyo
Teresa M. Arroyo
Registration No. 50,015

1900 K Street., N.W.
Washington, D.C. 20006
Telephone No: (202) 496-7500
October 10, 2002

PATENT TRADEMARK OFFICE



30827

CEIVED
OCT 16 2002
IC 1700